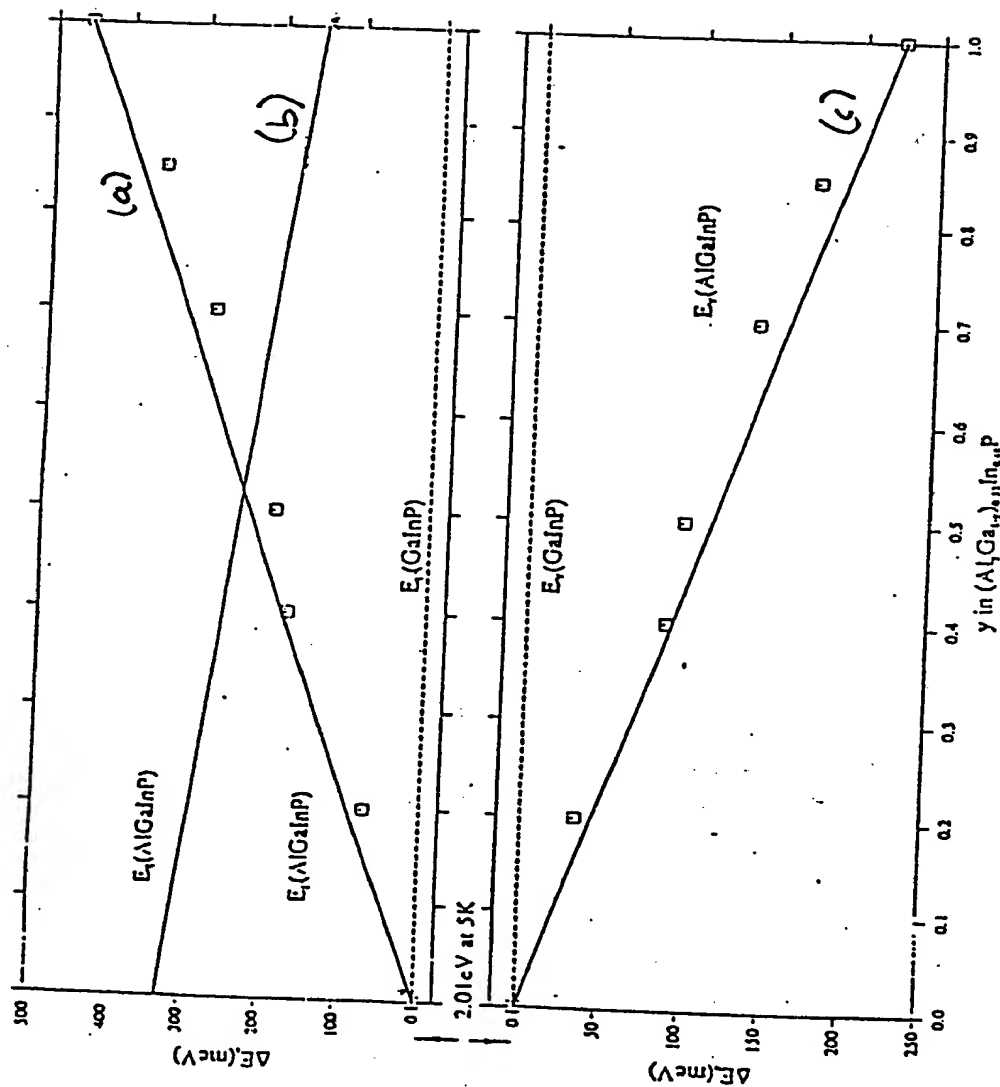


Fig 1

Related Art

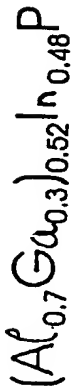


1/17

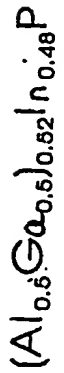


A diagram of the variation of the $Ga_{0.52}In_{0.48}P/(AlGa)InP$ heterobarrier height (meV) as a function of aluminium mole fraction in the quaternary alloy assuming a 70:30 band offset ratio.

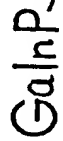
N-CLADDING
REGION



2



50 meV

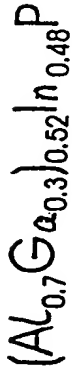


3

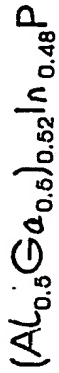
CB
DX

X

P-CLADDING
REGION



4



200 meV

50 meV

X

50 meV

100 meV

VB

FIG. 2

Related Art

5



2/17

Fig.3 Related Art



3/17

